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U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Lindsay Light II OU16 - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #1  
Initial POLREP  
Lindsay Light II OU16  
05YT  
Chicago, IL  
Latitude: 41.8922180 Longitude: -87.6220190

**To:** Mark Johnson, ATSDR  
Eamon Reilly, Chicago Department of Environment  
Kimberly Worthington, Chicago Dept. of Environment  
Michael Chezik, Department of Interior  
Kelly Grahn, IEMA  
Gary McCandless, IEMA  
Timothy Runyon, IEMA, Division of Nuclear Safety  
Bruce Everetts, Illinois EPA  
USCG NRC, NRC  
Mike Joyce, U.S. EPA  
Eugene Jablonowski, U.S. EPA Region V  
Linda Nachowicz, U.S. EPA Region V, ERB 2  
Virginia Narsete, U.S. EPA ERB  
David Chung, U.S. EPA HQ

Charles Gebien, U.S. EPA Region V  
Richard Karl, U.S. EPA Region V  
John Maritote, U.S. EPA Region V  
William Messenger, U.S. EPA Region V  
Stephen Ostrodka, U.S. EPA Region V  
Jeff Kelley, U.S. EPA Region V, CIC  
Debbie Keating, U.S. EPA Region V, ESS  
Mary Fulghum, U.S. EPA Region V, ORC  
Cathleen Martwick, U.S. EPA Region V, ORC

**From:** Verneta Simon, on-scene coordinator

**Date:** 1/6/2011

**Reporting Period:** 12/17/2010 - 1/4/2011

## **1. Introduction**

### **1.1 Background**

|                            |                |                                |                |
|----------------------------|----------------|--------------------------------|----------------|
| <b>Site Number:</b>        | 05YT           | <b>Contract Number:</b>        | N/A            |
| <b>D.O. Number:</b>        | N/A            | <b>Action Memo Date:</b>       | 12/9/2010      |
| <b>Response Authority:</b> | CERCLA         | <b>Response Type:</b>          | PRP Oversight  |
| <b>Response Lead:</b>      | PRP            | <b>Incident Category:</b>      | Removal Action |
| <b>NPL Status:</b>         | Non NPL        | <b>Operable Unit:</b>          | OU 16          |
| <b>Mobilization Date:</b>  | 12/17/2010     | <b>Start Date:</b>             | 12/17/2010     |
| <b>Demob Date:</b>         |                | <b>Completion Date:</b>        |                |
| <b>CERCLIS ID:</b>         | ILD 0000002212 | <b>RCRIS ID:</b>               |                |
| <b>ERNS No.:</b>           |                | <b>State Notification:</b>     |                |
| <b>FPN#:</b>               |                | <b>Reimbursable Account #:</b> |                |

#### **1.1.1 Incident Category**

Redevelopment of commercial property

#### **1.1.2 Site Description**

This property was formerly a multi-story building with various entry addresses including 207 East Grand, 209 East Grand, and 211 East Grand. For purposes of this POLREP, the physical address will be 211 East Grand. Recently, the owner, Ronald McDonald House Charities of Chicagoland & Northwest Indiana (RMC), demolished the multi-story building to prepare for construction of a 14-story Ronald McDonald House.

##### **1.1.2.1 Location**

211 East Grand, Chicago, Illinois

### **1.1.2.2 Description of Threat**

The radiological survey conducted by RMC's environmental consultant, AECOM, demonstrated the presence of elevated gamma in the northeast corner of the property. The specific results were 106,000 counts per minute (cpm) gamma and the cut-off on their instrument was 17,522 cpm. The 17,522 cpm equates to the clean-up criterion for Streeterville of 7.1 picoCuries per gram (pCi/g). The Streeterville clean-up criterion was established in the 1990's. In addition, AECOM analyzed a soil sample and the result was 44 pCi/g.

### **1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results**

During September 2010, the property owner's environmental consultant, AECOM, contacted USEPA to inform us of the results of recent radiological screening. The results were indicative of thorium-impacted soils.

## **2. Current Activities**

### **2.1 Operations Section**

#### **2.1.1 Narrative**

#### **2.1.2 Response Actions to Date**

AECOM began excavating on or about 12/17. When excavation was completed, approximately fifty-seven 1 one cubic yard bags had been filled. The highest gamma reading was approximately 270,000 counts per minute (cpm). The clean-up criterion for the radiation detection instrument was 6,900 cpm. The approximate dimensions for the excavation are as follows: length 32 feet, Width 20 to 22 feet and the maximum depth overall was 5 ½ feet. On 12/22/2010, Gene Jablonowski, Superfund Health Physicist, verified the excavation before backfilling was approved.

#### **2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)**

On December 9, 2010, USEPA and RMC entered into an Administrative Settlement Agreement on Consent (ASAOC) , docket no. V-W-10-C-960. Then, on December 10, 2010, USEPA approved the work plan dated November 29, 2010 as revised on December 8, 2010.

#### **2.1.4 Progress Metrics**

| <i>Waste Stream</i> | <i>Medium</i> | <i>Quantity</i> | <i>Manifest #</i> | <i>Treatment</i> | <i>Disposal</i> |
|---------------------|---------------|-----------------|-------------------|------------------|-----------------|
|---------------------|---------------|-----------------|-------------------|------------------|-----------------|

|                       |      |    |                  |  |                                    |
|-----------------------|------|----|------------------|--|------------------------------------|
| 11(e)(2)<br>byproduct | soil | 57 | Not<br>available |  | Energy<br>Solutions<br>Clive, Utah |
|                       |      |    |                  |  |                                    |
|                       |      |    |                  |  |                                    |

## **2.2 Planning Section**

### **2.2.1 Anticipated Activities**

#### **2.2.1.1 Planned Response Activities**

**During the first week of January 2011, backfill will occur using about 60 cubic yards of CA-6. Building construction should begin on or about February 2011. Radiological screening will be conducted whenever construction activities disturb previously unsurveyed soils.**

#### **2.2.1.2 Next Steps**

**A notice of completion letter will be issued once USEPA reviews and approves AECOM's final report. According to the terms of the ASAOC, a final report is due within 60 days of completing the removal work.**

#### **2.2.2 Issues**

None.

## **2.3 Logistics Section**

Not applicable.

## **2.4 Finance Section**

### **2.4.1 Narrative**

Not applicable.

## **2.5 Safety Officer**

A site safety plan was prepared as part of the ASAOC.

## **2.6 Liaison Officer**

Not applicable.

## **2.7 Information Officer**

### **2.7.1 Public Information Officer**

Not applicable.

### **2.7.2 Community Involvement Coordinator**

Mike Joyce is the USEPA Community Involvement Coordinator (CIC).

## **3. Participating Entities**

### **3.1 Unified Command**

Not applicable.

### **3.2 Cooperating and Assisting Agencies**

City of Chicago Department of Environment

## **4. Personnel On Site**

Not applicable.

## **5. Definition of Terms**

OSC – On-Scene Coordinator

U.S. EPA – United States Environmental Protection Agency

## **6. Additional sources of information**

### **6.1 Internet location of additional information/reports**

For additional information, please refer to “Documents” on [www.epaosc.org/](http://www.epaosc.org/).

### **6.2 Reporting Schedule**

The next POLREP will be submitted at a date to be determined.

## **7. Situational Reference Materials**